

Chris Lewicki/DC/USEPA/US  
02/06/2012 06:49 AM

To: David Croxton  
cc: Ruth Chemerys, Julie Reichert, John Goodin, Tracy Chellis,  
Eric Monschein  
bcc:  
Subject: Re: DRAFT response to CBD's request for EPA to list Oregon  
waters as impaired by OA

Exemption 5  
Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5  
Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5

02/03/2012 01:49:45 PM

From: David Croxton/R10/USEPA/US  
To: Chris Lewicki/DC/USEPA/US@EPA, George Utting/DC/USEPA/US@EPA  
Cc: Adrienne Allen/R10/USEPA/US@EPA, Jill Gable/R10/USEPA/US@EPA, Julie  
Reichert/DC/USEPA/US@EPA, Tracy Chellis/R10/USEPA/US@EPA, Heidi  
Nalven/DC/USEPA/US@EPA, John Goodin/DC/USEPA/US@EPA, Eric  
Monschein/DC/USEPA/US@EPA, Ruth Chemerys/DC/USEPA/US@EPA  
Date: 02/03/2012 01:49 PM  
Subject: DRAFT response to CBD's request for EPA to list Oregon waters as impaired by OA

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5

Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5

Exemption 5

Exemption 5  
Exemption 5

Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5Exemption 5Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5

Exemption 5Exemption 5Exemption 5

02/01/2012 03:01:48 PM

From: Chris Lewicki/DC/USEPA/US  
To: David Croxton/R10/USEPA/US@EPA  
Cc: Adrienne Allen/R10/USEPA/US@EPA, Jill Gable/R10/USEPA/US@EPA, Julie Reichert/DC/USEPA/US@EPA, Tracy Chellis/R10/USEPA/US@EPA, Heidi Nalven/DC/USEPA/US@EPA, John Goodin/DC/USEPA/US, Eric Monschein/DC/USEPA/US@EPA, Ruth Chemerys/DC/USEPA/US@EPA  
Date: 02/01/2012 03:01 PM  
Subject: CBD's request for EPA to list Oregon waters as impaired by OA

Exemption 5  
Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5

Exemption 5

Exemption 5Exemption 5Exemption 5

01/31/2012 06:35:37 PM

From: David Croxton/R10/USEPA/US  
To: Adrienne Allen/R10/USEPA/US@EPA, Jill Gable/R10/USEPA/US@EPA  
Cc: Tracy Chellis/R10/USEPA/US@EPA, Julie Reichert/DC/USEPA/US@EPA, Chris Lewicki/DC/USEPA/US@EPA  
Date: 01/31/2012 06:35 PM  
Subject: Fw: Oregon 303d List

Exemption 5

Exemption 5Exemption 5  
Exemption 5Exemption 5Exemption 5Exemption 5Exemption 5

From: Miyoko Sakashita <miyoko@biologicaldiversity.org>  
To: David Croxton/R10/USEPA/US@EPA  
Date: 01/31/2012 03:01 PM  
Subject: Oregon 303d List

Dear Mr. Croxton--

Has EPA approved Oregon's 2008-2010 303(d) list? If not, I hope that you will take the attached article under consideration in your review of their decision not to identify waters impaired by ocean acidification. This article is currently in press.

Barton et al. report results from an oyster hatchery on the Oregon coast where intake waters experienced variable carbonate chemistry (aragonite saturation state <0.8 to > 3.2; pH <7.6 to >8.2) in the early summer of 2009 (Barton 2012, in press). Larval production and mid-stage growth (~120 um to ~150 um) of the oyster, *Crassostrea gigas*, were both significantly negatively correlated with the aragonite saturation state of waters in which larval oysters were spawned and reared for the first 48 hours of life.

Most sincerely,  
Miyoko Sakashita

---

Miyoko Sakashita w Senior Attorney

Oceans Program Director

[miyoko@biologicaldiversity.org](mailto:miyoko@biologicaldiversity.org)

CENTER FOR BIOLOGICAL DIVERSITY

351 California Street, Suite 600

San Francisco, CA 94104

415-436-9682 w Fax 415-436-9683

[www.biologicaldiversity.org](http://www.biologicaldiversity.org)

Boycott eating imperiled bluefin tuna - To learn more, visit:  
[www.bluefinboycott.org](http://www.bluefinboycott.org)

[attachment "Barton 2012\_The Pacific oyster, *Crassostrea gigas*, shows negative correlation to elevated carbon dioxide levels.pdf" deleted by David Croxton/R10/USEPA/US]